1

**Averaging and Rounding**

1. Round 907.457 to the nearest tens place.

A. 908.0   
B. 910   
C. 907.5   
D. 900   
E. 907.46

2. At a certain high school, the respective weights for the following subjects are:   
Mathematics 3, English 3, History 2, Science 2 and Art 1.   
What is a student's average whose marks were the following: Geometry 89, American Literature 92, American History 94, Biology 81, and Sculpture 85?

A. 85.7   
B. 87.8   
C. 88.9   
D. 89.4   
E. 90.2

3. Ginger over the course of an average work-week wanted to see how much she spent on lunch daily. On Monday and Thursday, she spent $5.43 total. On Tuesday and Wednesday, she spent $3.54 on each day. On Friday, she spent $7.89 on lunch. What was her average daily cost?

A. $3.19   
B. $3.75   
C. $3.90   
D. $4.08   
E. $4.23

4. What is 1230.932567 rounded to the nearest hundredths place?

A. 1200   
B. 1230.9326   
C. 1230.93   
D. 1230   
E. 1230.933

2

5. Subtract the following numbers rounded to the nearest tenths place.   
134.679   
-45.548   
-67.8807

A. 21.3   
B. 21.25   
C. -58.97   
D. -59.0   
E. 1

6. What is the absolute value of -9?

A. -9   
B. 9   
C. 0   
D. -1   
E. 1

7. What is the median of the following list of numbers? 4, 5, 7, 9, 10, 12

A. 6   
B. 7.5   
C. 7.8   
D. 8   
E. 9

8. What is the mathematical average of the number of weeks in a year, seasons in a year, and the number of days in January?

A. 36   
B. 33   
C. 32   
D. 31   
E. 29

9. In a college, some courses contribute more towards an overall GPA than other courses. For example, a science class is worth 4 points; mathematics is worth 3 points; history is worth 2 points; and English is worth 3 points. The values of the grade letters are as follows, A= 4, B=3, C=2, D=1, F=0. What is the GPA of a student who made a “C” in Trigonometry, a “B” in American History, an “A” in Botany, and a “B” in Microbiology?

A. 2.59   
B. 2.86   
C. 3.08   
D. 3.33   
E. 3.67

3

10. Over the course of a week, Fred spent $28.49 on lunch. What was the average cost per day?

A. $4.07   
B. $3.57   
C. $6.51   
D. $2.93   
E. $5.41

11. A roast was cooked at 325° F in the oven for 4 hours. The internal temperature rose from 32° F to 145° F. What was the average rise in temperature per hour?

A. 20.2° F/hr   
B. 28.25° F/hr   
C. 32.03° F/hr   
D. 37° F/hr   
E. 37.29° F/hr

12. In the number 743.25 which digit represents the tenths space?

A. 2   
B. 3   
C. 4   
D. 5   
E. 6

4

Answer Key:   
1. B   
2. C   
3. D   
4. C   
5. A   
6. B   
7. D   
8. E   
9. C   
10. A   
11. B   
12. A